

CLAIM AMENDMENTS

1-12 (Cancelled)

13. (New) A stator for a flotation cell to be used in the flotation of slurry-like material, such as ore and concentrate containing valuable minerals, by means of which stator the orientation of the slurry flow created by the flotation cell rotor can be controlled, wherein the stator is composed of at least three structural elements to be installed around the rotor, provided with at least one flow regulator and a supporting structure whereby each single structural element is connected to the flotation cell or to the fastening structure of the stator arranged in the flotation cell.

14. (New) A stator for a flotation cell according to claim 13, wherein each structural element includes at least two flow regulators that are interconnected by means of a supporting structure attached at one end of the flow regulator of the structural element.

15. (New) A stator for a flotation cell according to claim 13, wherein the flow regulators provided in one and the same structural element are identical in cross-section.

16. (New) A stator for a flotation cell according to claim 13, wherein the flow regulators provided in one and the same structural element are different in cross-section.

17. (New) A stator for a flotation cell according to claim 13, wherein at that end of the flow regulators provided in the structural element that is opposite to the supporting structure, there is installed a connecting element for interconnecting the flow regulators arranged in the structural element.

18. (New) A stator for a flotation cell according to claim 13, wherein the structural elements of the stator can be

installed around the rotor so that those edges of the flow regulators provided in the structural elements that are located nearest to the rotation axis are placed at an essentially equal distance from the rotor rotation axis.

19. (New) A stator for a flotation cell according to claim 13, wherein the stator is composed of structural elements installed on two different levels around the rotor.

20. (New) A stator for a flotation cell according to claim 13, wherein the structural element of the stator is manufactured by casting in one single piece.

21. (New) A stator for a flotation cell according to claim 17, where the flow regulator of the structural element of the stator and the supporting structure to be connected to the flow regulator, as well as the connecting element arranged between the flow regulators, are manufactured separately by casting.

22. (New) A stator for a flotation cell according to claim 21, wherein the flow regulator of the structural element of the stator and the supporting structure to be connected to the flow regulator are interconnected by welding.

23. (New) A stator for a flotation cell according to claim 21, wherein the flow regulator of the structural element of the stator and the supporting structure to be connected to the flow regulator, as well as the connecting element provided in between the regulators, are interconnected by welding.

24. (New) A stator for a flotation cell according to claim 13, wherein the structural elements of the stator can be installed around the rotor so that the tangential slurry jet emitted from the rotor of the flotation cell can be directed

towards at least one stator flow regulator in order to prevent the slurry jet from flowing directly through the stator.